

## **BETE ANNOUNCES HIGH-PERFORMANCE NOZZLES FOR FIRE PROTECTION SYSTEMS**

**Greenfield, MA USA** (date) - BETE Fog Nozzle, Inc., the industry leader in spray nozzle design, currently has two series of high-performance nozzles for fire suppression applications. The BETE N series spiral nozzle and MaxiPass™ series whirl nozzle provide exceptional reliability in dry fire protection systems.

In dry fire protection systems, water does not enter the pipes until a remote valve is activated by a sensor, making them ideal for outdoor applications, or in places where the system will be exposed to temperatures below freezing. Nozzle effectiveness in these systems is greatly impacted by the size of the droplet and the nozzle flow rate. From an efficiency standpoint, the smaller the size of a droplet, the greater the surface area to volume ratio. The greater ratio translates to faster heat transfer and faster evaporation and results in energy being removed from the fire faster.

BETE's high-performance nozzles provide optimum droplet size and peak spray performance to efficiently suppress and extinguish many different types of fires. With its fine droplet size, optional protective cover and a large free passage with no internals, the BETE N series spiral nozzles are exceptionally reliable in outdoor fire protection systems. The spiral design allows the largest droplets to migrate toward the outside of the pattern, thus providing protection to the smaller droplets allowing them to penetrate the target area. **They are also the only spiral design nozzles in the industry that are Coast Guard and Factory Mutual approved.**

Where wind is a potential problem, the BETE MaxiPass series offers larger droplets and a high exit velocity to aid in penetrating the area being protected.



The MaxiPass series also offers free passages much greater than competing designs, providing the ultimate clog resistance and increasing reliability and reducing system complexity and maintenance.

For more detailed information on the BETE N series nozzle and MaxiPass series of nozzles, or BETE's other lines of fire protection nozzles, visit [www.bete.com/applications/applications.html](http://www.bete.com/applications/applications.html) or contact BETE Fog Nozzle, Inc. at 800-235-0049 or at [sales@bete.com](mailto:sales@bete.com).

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**About BETE Fog Nozzle, Inc.**

For more than 55 years, BETE Fog Nozzle, Inc. has been the recognized leader in design of industrial spray nozzles for fire protection, pollution control and industry. BETE's expert advice is sought on over 2,000 unique applications annually. BETE has developed innovative designs for applications in cooling, dust control, lubrication, washing gases, food service, cleaning and humidifying. For more information on BETE, please call 800-235-0049 or visit our website at [www.bete.com](http://www.bete.com).